

## ECS Configuration Change Request

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|  |                                 |   |                       |   |                          |
|--|---------------------------------|---|-----------------------|---|--------------------------|
| 1. Originator<br>R. Haynes   | 2. Log Date:<br><b>13 APR00</b> | 3. CCR #:<br><b>00-0408</b>   | 4. Rev:<br><b>-</b>   | 5. Tel:<br>925.0932   | 6. Rm #:<br>2110F<br>SED |
| 8. CCR Title: Install Catalyst 6000 Ethernet Switch at NSIDC   |                                 |   |                       |   |                          |
| 9. Originator Signature/Date<br><i>Randy Haynes 4/6/00</i>   |                                 | 10. Class<br><b>II</b>  | 11. Type:<br>CCR      | 12. Need Date: 5/5/00                                       |                          |
| 13. Office Manager Signature/Date<br><i>James R. Mathew 4/6/00</i>   |                                 | 14. Category of Change:<br>Update ECS Baseline Doc.                                 |                       | 15. Priority: (If "Emergency" fill in Block 28).<br>Routine |                          |
| 16. Documentation/Drawings Impacted:<br>921-TDN-002, 921-TDN-003, and 921-TDN-004  |                                 | 17. Schedule Impact:<br>None  |                       | 18. Cl(s) Affected: N/A                                     |                          |
| 19. Release Affected by this Change:<br>N/A  |                                 | 20. Date due to Customer:<br>N/A  |                       | 21. Estimated Cost:<br>None - Under 100K                    |                          |
| 22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:  |                                 |   |                       |   |                          |
| 23. Problem: (use additional Sheets if necessary)<br>1. A heavy network load by n0drg01 is causing fddi network problems on the DS/DM/LSM segment.<br><br>2. Need to start migrating the fddi based Production network to Ethernet because the PowerHub vendor will no longer provide software support after March 15, 2001.   |                                 |   |                       |   |                          |
| 24. Proposed Solution: (use additional sheets if necessary)<br>1. Move n0drg01 and n0drg02 to their own fddi network segment.<br><br>2. Integrate the Catalyst 6000 Ethernet Switch into the NSIDC DAAC.   |                                 |   |                       |   |                          |
| 25. Alternate Solution: (use additional sheets if necessary)<br>None   |                                 |   |                       |   |                          |
| 26. Consequences if Change(s) are not approved: (use additional sheets if necessary)<br>NSIDC will be unable to do production.   |                                 |   |                       |   |                          |
| 27. Justification for Emergency (If Block 15 is "Emergency"):  |                                 |   |                       |   |                          |
| 28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL<br><input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other |                                 |   |                       |   |                          |
| 29. Board Comments:  |                                 |   | 30. Work Assigned To: |   | 31. CCR Closed Date:     |
| 32. EDF/SCDV CCB Chair (Sign/Date):  |                                 | Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB<br>Fwd/ECS        |                       |   |                          |
| 33. M&O CCB Chair (Sign/Date):<br><i>W. B. [Signature] 13 Apr 00</i>   |                                 | Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB<br>Fwd/ECS |                       |   |                          |
| 34. ECS CCB Chair (Sign/Date):   |                                 | Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB<br>Fwd/ESDIS      |                       |   |                          |

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